An Esay on the means

Oneventing

Hereditary and Acquired

Onedispositions

Oulmonary Consumption

1872

Falesony to clearly

On viewing the bills of mortality, me are instantly struck with the fact, that nearly one fifth of mankind are of Pulmonary Con . sumplim . A diverse, therefore, more formidable than any, to which the human species are subject; this then, is the excuse I offer, for make ing it the outject of the present spay; without it, I might be accused of arregance, for offing any thing on this subject, which his ingag ed the altention of the greatest men, the science of medicine com boart. The ocean is made up of particles, each is distinct, and Commanding attention: So is the science of medicine, every fact in to be regarded as such and as constituting and part of a whole , which when combined , constitutes perfect knowledge . This then is my motts, and if I should stumble on any thing one ginal, which may tend either directly or indirectly to obviate the disease of Gulmonary consumption: I shall consider the object of This epay more than allained.

There is, perhaps no disease, in which writers more universally agree, as to its history, while at the same time, and in which the remedies that have proved succeptful in one case, how so conformly failed in others. This ill succeptances

author . I were herefor over formall has very to think who he required no hint and as constituting another has all

There is prefer per assess in which writers various for and for found of found on the same land and for a grant of the same land and for a grant of the same land of the same la

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principally from the want of proper altertion, not being pair to the water of the system order remedies are seed, this water, from the crosslopecal arrangement of diseases, order they are presented for by their names, and not stymptome. This cause of facture is in the cases, order the diseased might have been condition that proper attention been back. I am sony track, the most frequent cause of the inefficacy of mexican in this diseased consiste in its nature, for two see cross any amost that though the rome still nature, for two see cross any almost that though the rome still nature, for two see cross any almost that though the rome still not and sucted to the Gathelogy, yet in forty nind out of fifty cases, it prove fatal.

I can readely concern that all of the remities that one in we forthe one of consumptions, have in some stays or other proved useful as a palliating removing some of the symptoms: also that some medicines which they then stromulating and tenic power began belong on presisposing debiting prevented an attack of the desease. The thinkpod is a gased remove grown propuly and, while at the some time it is the cause of thousands of deaths, inaspurable the semior time it is the cause of thousands of deaths, inaspurable the semiory their used, is the adventised to the world as a perior for the curve of the decrease, the medical tests common new property of the decrease, the common sew presents of the stay say here, there are stone or species, because

directly the cause of the mortality of the diesaw. The poor infalmate patent readily catches at every thing he heave or sees as in the case with his uninformed friends and relations in a resort therefore is instantly has to these theory theory is and their discovering in most cases, who we may very believe are a set of Empyrics, for now others would advantage to the over a specific for the case of any visual but more passively of the one in question as it assumes such but more passively of forms and stages; each according to most griends of the or a new name, and also a remark y. The patient at of them white the sing articles (when he should displate) or form a life of time, the disease has made such discover on the system, as a report the most skelful and not discover on the system, as a report the

I much then for the clapsest arrangements of diseases and its consequencies, the quarted and their operations as causes receiving our temperature and course of Putmerary Orocumpture.

There we many reasons, for the combined persons of mixima to be resold to in order, that the disease of putmonary consumption may be rendered left frequency, first. We frequency, seemen, the mortality and third by, to generally attacks and carries

us off, when we are in and entering on the prime of life. This I consider among the greatest, orils that attend the disease: for to die; whon from the common course of things, it might be expect ed, we have lep cause to repine, and at the same our friends and relations are better prepared to sustain the shook, that is always felt on such occasions. Widely different is the case with pulmone ry consumption; it snatches from a father a son who has been se - parated from him for years, and he has been engaged in profips onal pursuits. Which when acquired, constitutes him an orna ment to socily and a bliping to his parents and often power the way to his grand. The misportune does not ond how, next a daugh tiv, who like a full blown row, soon withus in consequence of an insect mounding the roots of the bush on which it seems hange. In some cases whole families arrive at the age of pu berty, apparently in good health and sound constitutions; but as soon as they arrive at a certain period, they are attacked and actroyed in a manner, that leaves to the rest of the family and physician, only warning of their dangerous octuation. The dis-. ease may be estimed, in this case to be here itany : for the our of which and acquired predis position, constitutes the object of this gay.

First of himselving presentacions which I devide into such as are affected with a peculiar distribusis which I believe mosts in the constitutions of parante and thus communicating it to them officers in the constitutions. I have distribused in a second of the body. This visiting I make because we see many present distribution of the body. This visiting any description from the same caused, of disposanties in other parts of the body as well as the thorax. The extracted of the body as well as the thorax. The extracted of this civision will appear as I to received.

Every Gradiene of medicine or the amounted business to down at of the curease or brisk may be considered as horse trang or per cutem to the cigarent families in which he practises. By their swining the circums of families he is another to present for his believed, milk promptime amount succeeps in some cases, when he might have been more barraphed, and who estimated the chances are much as and his present in a bright of some constitution is of species services, and when their mists are Evidence force. I was a knowledge of the horseless breather in observation in obstituting consumption to of singular advantage of it enables a praction is a regulate the fraction according along believing the disease to be more anagerous in their cases.

Well, when the disease, is discovered to be in a family, where



there is also a family of children: how, then the disease is to be presume as existing recepantly connected with the existence of the offs pring, of such parents. The plan to be persued by the physician, is to arrive such children to be brought up by another milk. This may be effected by means of a net mores, or when this cannot be done the chiese . should be raised as much as pospible by hand . When there is a mind to be had she show it he free from all diseases, should have been accussion ed to labour and a plain wholesome for . The child may now be given it the moral, her diet should consist of what she had been accustomed to formerly and also that she should continue he complay ments as be . were , and in short no variation in any incumplance , aught to be bottle ated. The chied should never be allowed to sleep in the same bed mith vices ; arenio, as is often the case nor will the muse: this practice is of itself injurious but more as in case at the farents especially if incy are in the arreating stage of the disease. I can readily believe that such an atmosphue, as would be the consequence, of the societing state of the disease is liable to many ill consequencies. If has been thought The disease is contogious, every showed would be given it here but as to the fad of contagionores believe not though I believe that such Inactice would induce that a state of debility, in a majority of



forove to be the caused of other circuses, which made in all protection and in cases. This separation of the child from the mother is also according to captilion that made or the seal of the mother of the captilion that made carefully father his offering mittee for the children to the theorem great affection as to the hundred the method is to desired for sentences the petition which would father in consequence of stopping a natural disserting a trade of configuration with large and themsely the consideration of a state of congression in the large and through the consideration of the section. This thinks are induced the mother to such the section of profession of the first is a meter of profession to have the mother to such the second for the breast.

The offerts produced in all of this changing, is accounted with a possibility and probable good estable. To change will stong this a possibility of change mobiles one of or wholesome middle, or negacity the child of the original from the child of the original form of the straight of the original metor as proof, while all he some town it oppure the straight of the original. This is seen, when original comments of the straight of the original medical mode and a desire a demination of the talk of the body. The advancing a general face as a domination of the talk of the body. The advancing a general face as obviously therefore the property of the constraints of the building a board, or mill class.

Supposing an equal number of males and females from the facilities for suppositions are of pulmonary brought time, as is the cood; Br truck anyo there eight time as many

V & Rush taught in his between that at One time he had eight women under his case in Consumption , & no one man.

of the latter than of the former air of this diseased till I believe the more mades than familes die or consequence of on horseling prosept silion By resons for this belief are as follows.

I Destrow has saviened that the man stands as there things that one more consistly consisted with great booking continue and princeted for the great booking continue and princeted for the open air: this is one of the test proportioned and proposition of the open of the most offered as for Ruch in his order of the course begins by remarking that it error unknown among the Indian of the America at the terms of the first windows have a smart that reveals as the remarks are continued to the investigation of the remarks and continued to the of the Indians, so over they counted from the cisease the open of the Indians of the open in their occupations approach more to the Indian more to the Indian more to the Indian more to the Species more to protect protections.

2. From our being consensed over handy for exposure, and of enred out so laste to be affected by the changes of the orables, they are the aft to be affected by the changes of the tradition they are the state of the day are of which are expectedly color from forming Phasis palmonates. That the viscisitudes of much formers consumptions may be sun by reprining to the descent of the reals that are uniformly but or order have the discourse in the known. I that have uniformly but or order have the discourse in the known. I make that are uniformly but or order have the discours in account of their grantedly gualdy and the moment of maning them. The observes of the altitus, consists in the light moment they are more to the



bing lightly bound oround the body and this personal a free and uniform circulation of the black.

4. Men are more accusement to great converse of the lunger acin puter a spectrug, talking lander generally (he not now) playing or wind instead made of mnerally " set of these cancer at much or originally lung which upon a par, with the affects of ourseast on other facts ofthe he

5. From more men than ormen being able to travel and the more officer - closes and lip orpersion manner, on horse back.

6. From the facility that man can change seasoning for actival employment from all of these reasons. I employ that order man as all of the case species to so man to execute that order have been against of the case position that some for a dead of the sound of the sound of the company cape some or consequence of these employments are of the imaginary causes I have communisted and by sond using the egyliem companying to the consequence of the office and by sond using the egyliem companying to the order of the opposition of the consequence of the communisted and the opposition of the sond the engineer of the consider or an deread large contains the remaind in the opposition of the consider or an deread large contains the remaind the overeign that by anticipating some the most regions

hadroned. The predicted fact ablance from an even that man an one liable to be affected with an hand lang decreased consists in our wear more brivally thour rame dies, that are a defeled to danger and all stimated cases, for such one throught designed on this deathful .

The management of the hered stary presuposition should end must from the invegorated state that children acquired by being mused by



a healthy momen. The management of children until they arrived at at that period at which the employments and occupations are gene until determined on should be such as to render the constituted on should be such as to render the constitution of who the property of opening periods as more subject to bottomber present of the the children of opening periods or when the children are of neighty superiod to the inclinence were of the weether the proposetion may be readered through by reprinting to the standard film proposetion may be readered through by reprinting to the standard film touthern state, but in many cases the children are almost with for the transition of the practice would contain me the fore of the consistence and to the imagencies and to the future health of such process.

Althou known the experient has not under you the process them? montioned, then is a period at which the adviced of a plays icrow is ofthe utimed that it is a period at which mill made frequently him from that time of life at which present church what competent when the put their some less than is to be which farests church what competent him to apply the owners of obvioling pullimorary consum prion, when me to apply the owners of obvioling pullimorary consum prion, when made some to be able to a property and have some prion. I want have surely received the present to the surely consumed the greatest what there was now of the free being occasion, where the property of the ownering property shade to professed, when the consistence of the time according program of read consumptions but on the continuity of the manufacture of left to the prosonal of should be accepted to the state of the name of left to be presented absolute to accepted to the state of the



of the system when we change from depleting to stimulating and love

mediaines. The remedies with mose to be furewed when me believe, there it ists only a presisposition, which consists of a piculiar diathieus, and

The following . First, consists of employment when the bosity exclusive are great and principally in the open air. Where the purents have led a advantary more of life the reverse of his employments thaild be chosen. Secondly, combined with this bodily labour a correspondant exercise should be chosen for the lings, which may be had by land and fre quent speaking singing and a most excellent methods playing on some wind instrument of musick.

Thirdly the died should correspond with the employment, and arriving all stemulating drinks, such as rum trandy V. This is of the first in - portone to inculcate in the min to of the pertiente was the was of Tobac es as being one step advanced towards a love of spiritans liquions. Faurthly, the made of lefe should be continued until the for tient arrives at the ago of 95 years at this period the considertion this healed may be concluded to be above, or as having chaced away the predisposition. This made of life should not be sigpped abruptly others should be engaged in the of a more morrale natured, them there recommended. Thus where the occupation ariginally was a house carpe ter it may be that of a farmer that morning on gradually he may be any thing . The officery of the two first modes at life being such as

to stepy the disease of pulmonary consumption; may be illustrated in facts. The slaves in Dirgines and the southern states are ongogs



in the most laborious employmento exposed to all kinds of meather both by night and day cometimes, their four very placed consisting chief by of bread made of Indian corn (in Vioginia) and their clositing on a par with the rest of their treatment. The diseased is hardly or never known among the stance I never tenen but two negroes to die of con sumplion, neither of which were accustomed to line the lines of the Hones generally. I conclude therefore that the abscines of consumple on arrang this class of people is to be ascribed entirely to their model of left . As to the efficiency of oxicioing the lungs being a presentation against the diseas. I have to address fado how also; the watchmen of This city exercises their lungs to a very great extent, while at the same lime they are exposed to the indemencies of the meather. On Rush says he never know one of them to be affected with consumption or even Hymoplysis. I have taken up an idea, whether it is a face or no I com only say as it has occurred under my limited observation viz the French men that come to this country are not as apt to hear consumption as the English , Drish or Sectioners. If this is a fact us a general rule, I account for it on account of the robust state of the lungs which is the consequence of their playing so generally on some wind issue ment of musick : this I believe to be a universal fact my their great for Inop for musick. Frinchmen may perhaps, be exempted from the discour by their monney of living as regards their diet, for they are very find of spices, gailie onions, nade into sauce and these used as conditionents. Whether this is a fact or no, those who have



lived long as and seen more of Franchisen than I have, our only de district. Whereas therefore, on approach to the mannew and customs of the

Indican, stares was from pur transfer is to mannew and customs of most post before the most stare than the consideration of the most beautiful from michigal their profession of the most miss which is for me drown, as all is the consequence.

The other circies of hereating presisposition has along mild the consumption deathers, mad enformation of the thome. This at new involves made difficulty and of course the probability of energy sensor (ag the presisposition) life.

The plan of breakment is as before, only combined with their as leve employments, great cond should be laken, to have the sheather kept as many by a perpetus or them makened solve about the shear is may in a measure be accomplished by some and continuous of a ground great me made to more us consequence of the stepping former deleting one made to make the more amountained for more too them the interesting or motion and on a summe on a plant floor amore too them has interesting the best or a long with this body, this first the other continuous to measure the thrown larger and more material block continuous to make the thrown larger and more material block. Continuous to make the thrown larger and the larger mile cause this optional methods are used the space of the larger mile cause the state of the grow and option, therefore they grow and softend the source of the stay, preventing though, the continuous of the thousand again.

The acquired predictions, conside in mode conformation of the bady from all the causes, from a cult and chronis diseases and all causes that land to debilitate the agatem; generally.



First, of mal conformation of the theraw. This may be that remain from the same cause or the tongs of an other eigenvilue of the bufy, we that acquirest from all successing modes of life and leasily, by the means of arch, as in the case of ladies.

The remains for the nation deforming and such as I have modioned an are the head of hundridary predisposition continued with deforming the arms should be more vigorously employed for here, the removal of the deforming constitutes the removal of the forelesposition.

These deformation that one their origin to researcy land, imports, that have have non-insulty good but by the same provides of the body from motion and care of the body from motion and continued and of the continued one of the company or more provided than formatly. The let offers of the company in of the lange, consist, primarily in an inability to the company in of the lange, consist, primarily in an inability to the company in the natural office. In the present of the bland of the original protect of the beauty from the companies and you though or the surger or the lange, is through fitted against lange, research that what it is declarated. In a confined selection of the lange, research that what it is declarated the expense was received all of the bland lange, research that when the consistency is that observations one sent to the infer purish colors; the consequence is that observations one sent to the infer purish colors; the consequence is that observations one was the result of the consequence in the trades or the other species of the provided of the consequence is the trades of the state of the consequence is the relative house of the provided of the consequence of the format of the consequence of the trades of the consequence of the trades of the species of the provided of the consequence of the trades of the species of the provided of the consequence of the format of the provided of the consequence of the species of the provided of the consequence of the species of the provided of the consequence of the species of the provided of the consequence of the species of the provided of the consequence of the species of the provided of the consequence of the species of

The remiser for this prediction as first order than it as petitionic hebit frequent bleedings, arriding all image landing of life, portuniting the exerting current, which are surdelying only



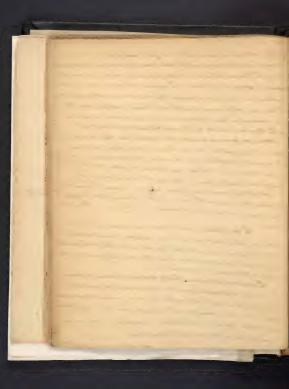
of life, exercise on here bank one or fast one gradual and organism on some of obviousing the desposition of the same one of obviousing the desposition of the thorne, as has been already oralism. The oralism of realism on the ball to get the first importance they observe the used attendedly in the some way while you are of the first importance they observe the used attendedly in the some way while inding attended to the thorne or although east the terms oralism therein their property of a free one orgation or constraint of the bloom or to use to know, or the mention the same of the superior of the superior of the superior of the superior or to use to the same or to use to the same or to use the superior of the superior or to use the superior of the superior of the superior or to use the superior of the superior or to use the superior of the superior or to the superior of the superior or to the superior of the superior or to the superior or to the superior of the superior of the superior or to the superior or to the superior of the superior or to the superior of the superior or to the superior or to the superior or to the superior or to the superior of t

Morning an presentantly listed to be offseter from this prediciously cause to bonoumplies first, by the curve constrained of the thorney it the manuse they could then grate, have by from their executing are in the manuse of play they form the small of proper conserved of the action moders of left threshy from the small of proper conserved of the large and Touristly, from the thinness of their dispute generally.

lungs and couldly, from the force or by mon orman thou one die of the of the country that a property determs from the effect of consumption because they are marporely determs from the effect of consumptions of obsidery the presiposition, by the morning I have men too means of obsidery the presiposition, by the morning I have men

level. The presispancy causes drived from diseases of the whole ageton in either from dente or Chronic diseases. In one case the ageton is either from alternation, they book from the form alternation, they book from the growth of the form alternation. They work from a few they are in equally must at one point and one apon a few. This is delicitly, and is equally must at one foint and are apon from.

actual in productioning to consumption. In make in remain the presupposition consists in remain the substitute that measures the tractice attention the debiting by planteting and time promises the tractice attention from plant to the soft offer against for many income times regime them plant to the remainders more phase to the changes from stimulating these these to be remainders more than the substitute of the substitute



I have said that debility from orhateror cause it was produced aqually in who an allack of consumption: by this I mean where the disease has affected all parts of the oystem equally: but on the contrary where the disease has confined itself more exclusively to any one part of the system, there it is brobable will the debility he the greated, and consequently invite a discour to como and with the fact offected. Thus a Dy sen tory leaves the bornels in a state of debility and thouby a state of exceletility; when slimule act on the bonulo in this state, if great a paralysis or prostral tion to produced or if of a milea nature the debilitated state of the bombs frerent a reaction great enough to constitute a dyporting; The consequence in both of these cases is a Danhar . Is, in discours which spend themselves on the lungs of sincipally, thus, may no exped an assack conseponding with the presimposing and exciting acres. The ministration allending the formation of diseases in the tungs is one great cause of the frequency and fatality of consumption;

First, from the nature and office of the lungs discours are more

frequently invited to that part and Secondly, who attacked they are copuble of eastoning an immense deal of disease before any premonetory sign even) when themselves; Thus increasing the difficulty to core the diamen. These two causes only discuss on more little to allack and according to prove falat in affection of the lungs, may be illustrated by a simile which is used by lon Rush The lungs may be compared to a guard on one of the outperts, which quark being thus exposed to be attacked more frequently, then, the others; but he is either taken by surprised or is aslesp and paper by unnoticed; the next set of quarto trusting to those on the aut posts are more easily surprised and token: as then the whole comp may be taken by a very inferior force . It cough, pain in the breast the spales to are to be con



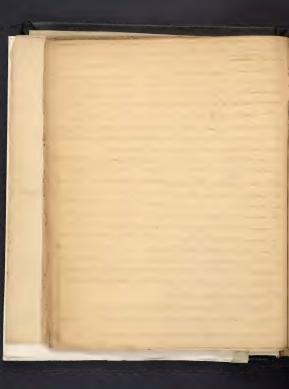
didoned as the act to rate; these are for guestly about and thus one our frequently scanne and conquered about without a striggle.

A physican, therefore, should be a nigotant watchman and doubt by giving limity notice to such of orome as all affected with any of the predisposition. Here by accommodating his defense according to the expected cittack he may be prepared to make the greatest recisione.

One method man of obvioling the predicipes items: the one of the first confectured and furthering as obvioling the mix deorge one of all namely the bree-lary preliabilities in change of climate, which may be deniced into temperary and Jungament.

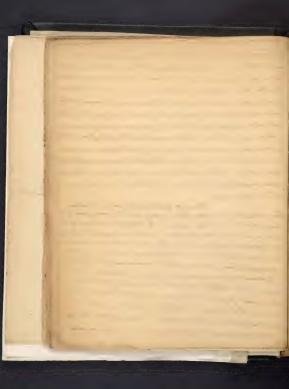
Time, of the temperary this consists of a long journey to a alument to order the the stage as a spicerous as people, the journey blands in profession on horsely the featurest on horsely the facions are formed in the patient believe, their shall be so continued so as a make the patient believe, that they shall be so continued so as a make the patient believe, that they shall be so continued so as a make the patient believe, that the patient believe, that the patient made the patient of the sound mild be engaged with the being and the namely of among that army be engaged with the being and the result of his complaint and the same time from the former formers of the hims proving the formers of the hims proving the telement of the hims from the latter up to profession of the journey of the proving the morther to the grant pakent in the figure of the telement of the spirit is the proving the account of the proving the spirit a change of timeto.

describly, of the fermanent change of climate from this great advantage is to be anxiety at an not only in communican cases but all chronic and herediting discusses and from a degeneracy of the



off human operies for any or form all the causes commented if my have may be allowed to rea on from analogy. It is fact which may have live on, my those animals such as the house, a with, should may have live on, my those amounts in the house particular of speaks, do degenerate on almost consyscepts. I would never on the annual of this, and to object to almost consysceptioners they either outlangs their stock or the whole or he should never be at the whole or he bear on part by the latter they gave as a more office of their conditions as regard of the bear myself own the gave office of their to called criping the break those myself own the gave office of their conditions with including the sound would had good of which they have been excessed by all least or overy refer or which they have been depressed the all women con change their or which they was been known down and with the happiness of their.

with the happine office. From all of these facts, for and I external them, at least in pair, when them myself seen the good effect of a change of situation. I am inclinate to the heliof the a charge of fits make the most of present master for many tradition practice from the money of present in the offer from a maint on a tention municated from the formation of the offer from a change of a most in this orange. The other from the great which is commercially in this orange. The other from the strange of change of change of the strange of change of changing classics on productioning to commercially active or production or production of the strange of changing classics or production or production of the strange of changing classics or to offer the strange to the strange of changing classics or to offer the strange to the strange of changing classics or to offer the strange to the strange of changing classics or to offer the strange to the strange of changing classics or to offer the strange of the strange of changing classics.



sugres by merely chaning situations under the same segres of late states.

· dule. The good effects to be derived from a change of climates dass not consist merely in a change of the atmosphow; but on the newport active employmento both of body and mind, which is the consequence of moring to a strange country, where also a strange to the inhabi lasty and thin little peculiarities, which mue at first overlowned and can only be acquired by attention. These changes act, strengthon ing the constitution, and giving a questor town to the digitation organs, both of which go hand in hand : for as medicines become accommend · dated to the system and thus love their pomers; so may elimate estudion and all its appendages be so accommodated to the mental and corpored habito of mone, us for him to become torpid. I will make my meaning more apparent by an example. Thimule acting on the system for a given length of term long much of their power, and thus a greater quantity is required to produce the same offerty: The enay be continued to such a largth, that a man may take at one What would kill half a doug or mor without any in ion vinismed to himself . So may a man by pursuing the same occupation, the same train of thoughts, the same atmosphere, the same company it become as impurious to their effects as the system did to the stimuli just men timed. a change of the stimule I should have said how a com - arkable offers, the of a milder nature. Is may a more by changing his situation intively, exist in him on the action by another set of stemuli, which consist or changing ar old habitation to a new one and commided alis with new acquambaning.

The writer of this Epany is much prejudence against excuses and forwardless as of this accompanyments to their productions of this natural but when facts stock first frequency must give may. The forest have a write consider this his transparance samp collections of section, as the starting attempt of the author when consequent of sixty in the stocking of the time which could be stocked to the stock of the stocked to the sound of the stocked to the stocked to the second of the stocked to the stock

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